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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

8-19-2020

2020-08-19_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



DATA ABOUT PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS SYMPTOMS

CUMULATIVE RECOVERED



CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

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View Cases

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COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

2-22

23-137

138-1247

1248-16793

16794+

Michigan

Wednesday, August 19, 2020

Michigan (Statewide) Case Fatality Rate

6.7%

Current Totals

Case Status	Cases	Deaths
Confirmed	94,278	6,349
Probable	9,813	269
Total	104,091	6,618

Laboratory Testing

Test Type	Tests Performed
Diagnostic	2,424,004
Serology	240,643
Total	2,664,647

Microsoft Power BI

< 1 of 7 >

Q

X

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	2%
Non-Hispanic Latino	66%	83%
Unknown	26%	14%

Totals may not add to 100% due to rounding

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/3

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	3%	1%
Non-Arab	47%	45%
Unknown	50%	53%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 8/19/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases by County by Date

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 08/14/2020): **67,778**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on August 14, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to July 15, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

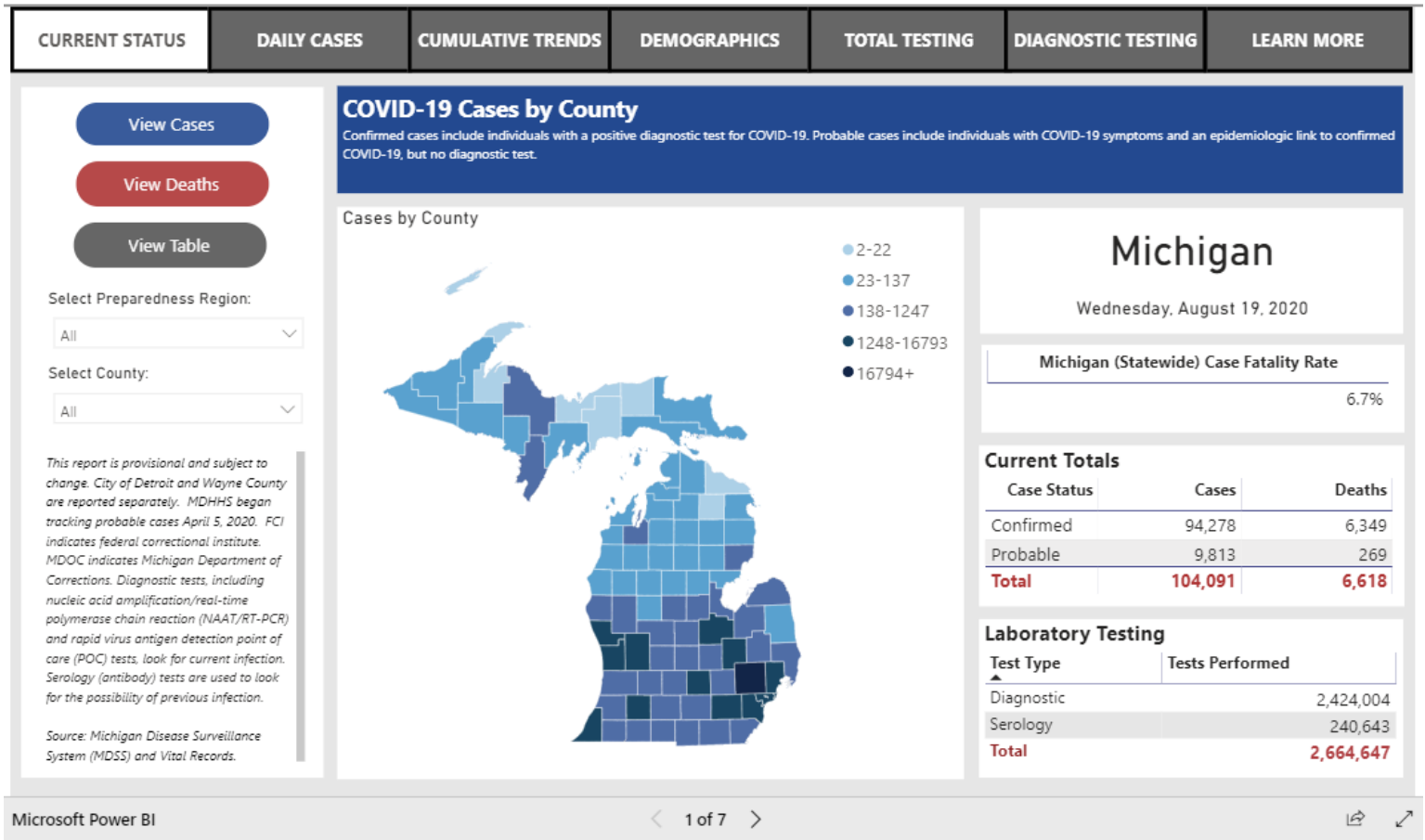
Source: Michigan Disease Surveillance System and Vital Records

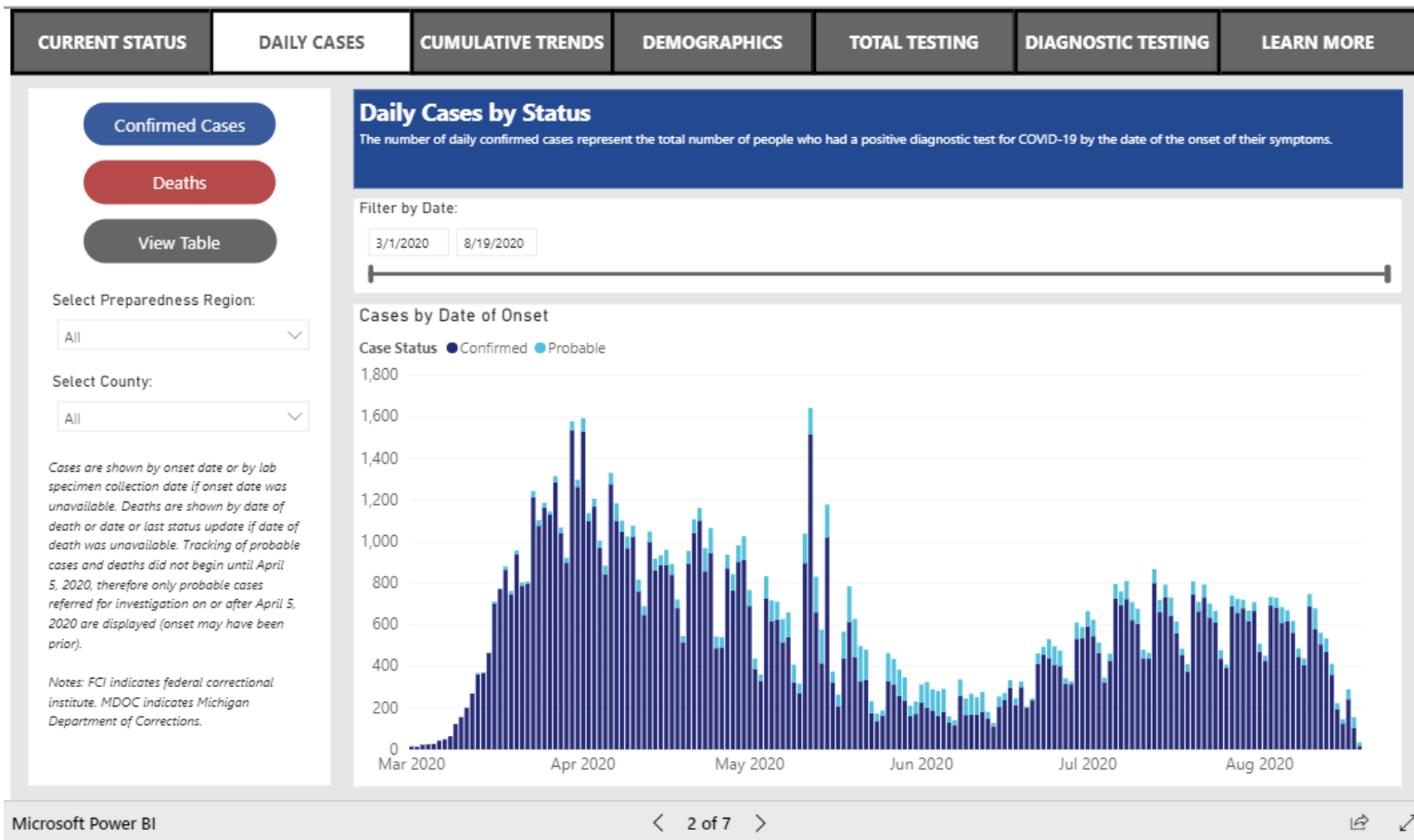


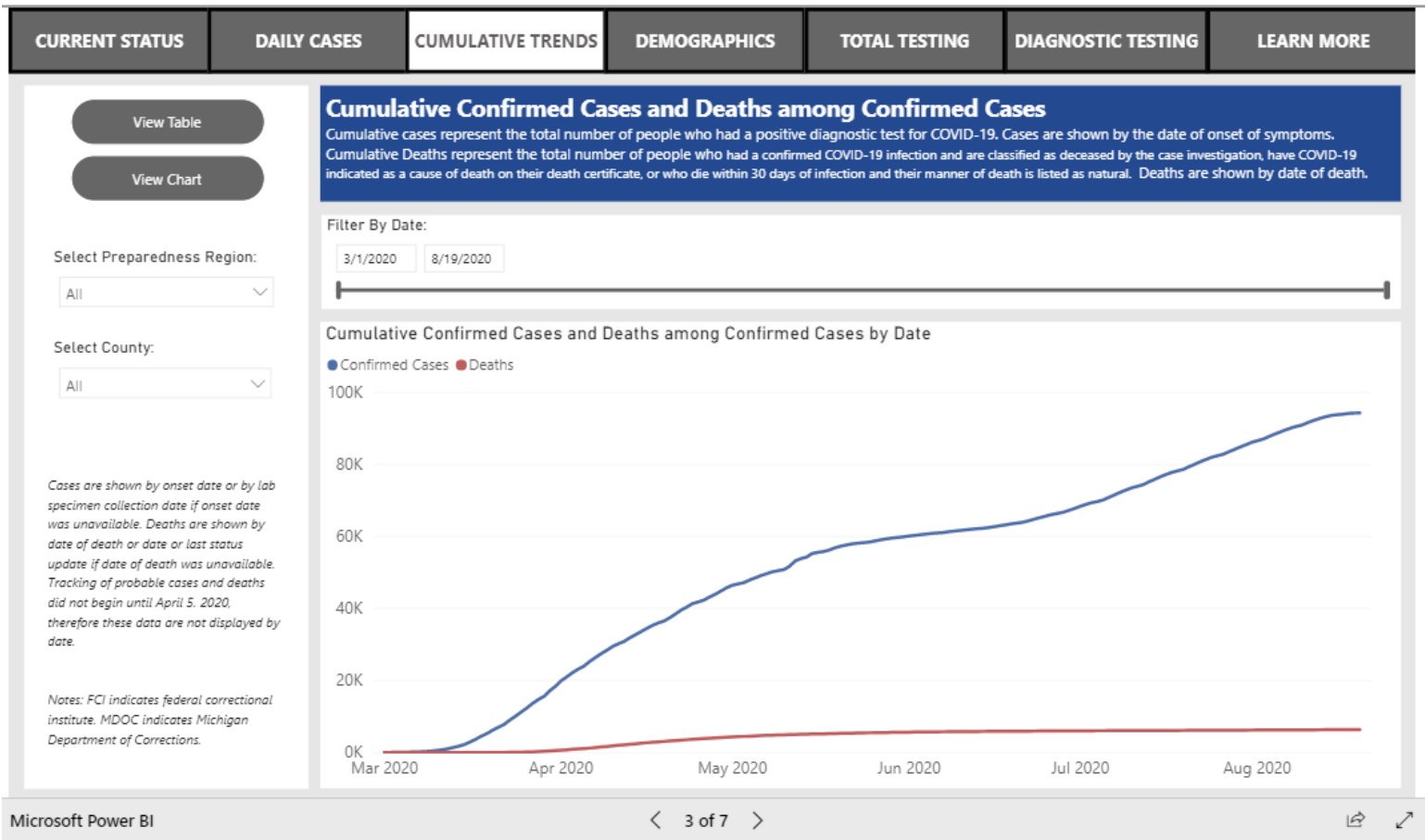
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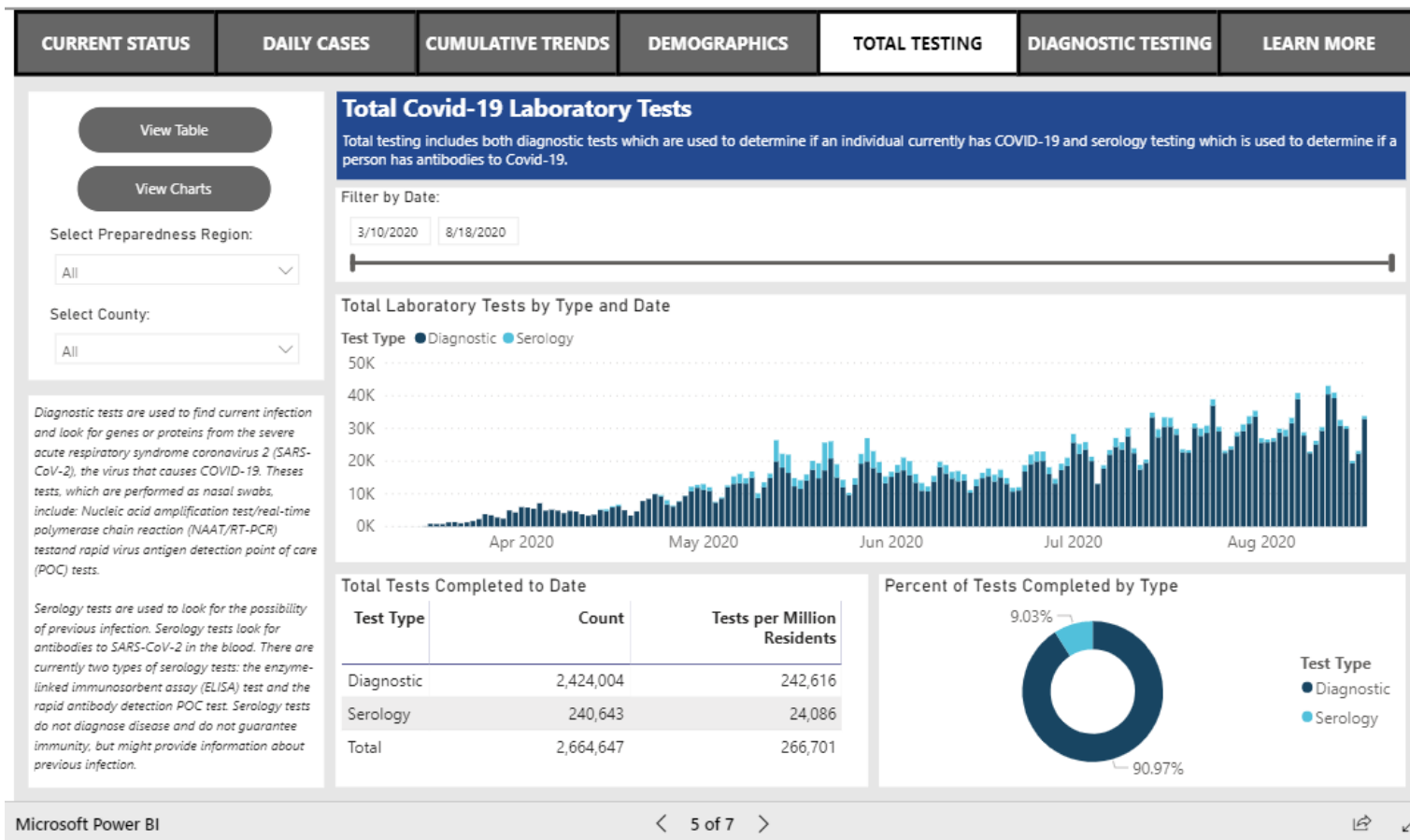
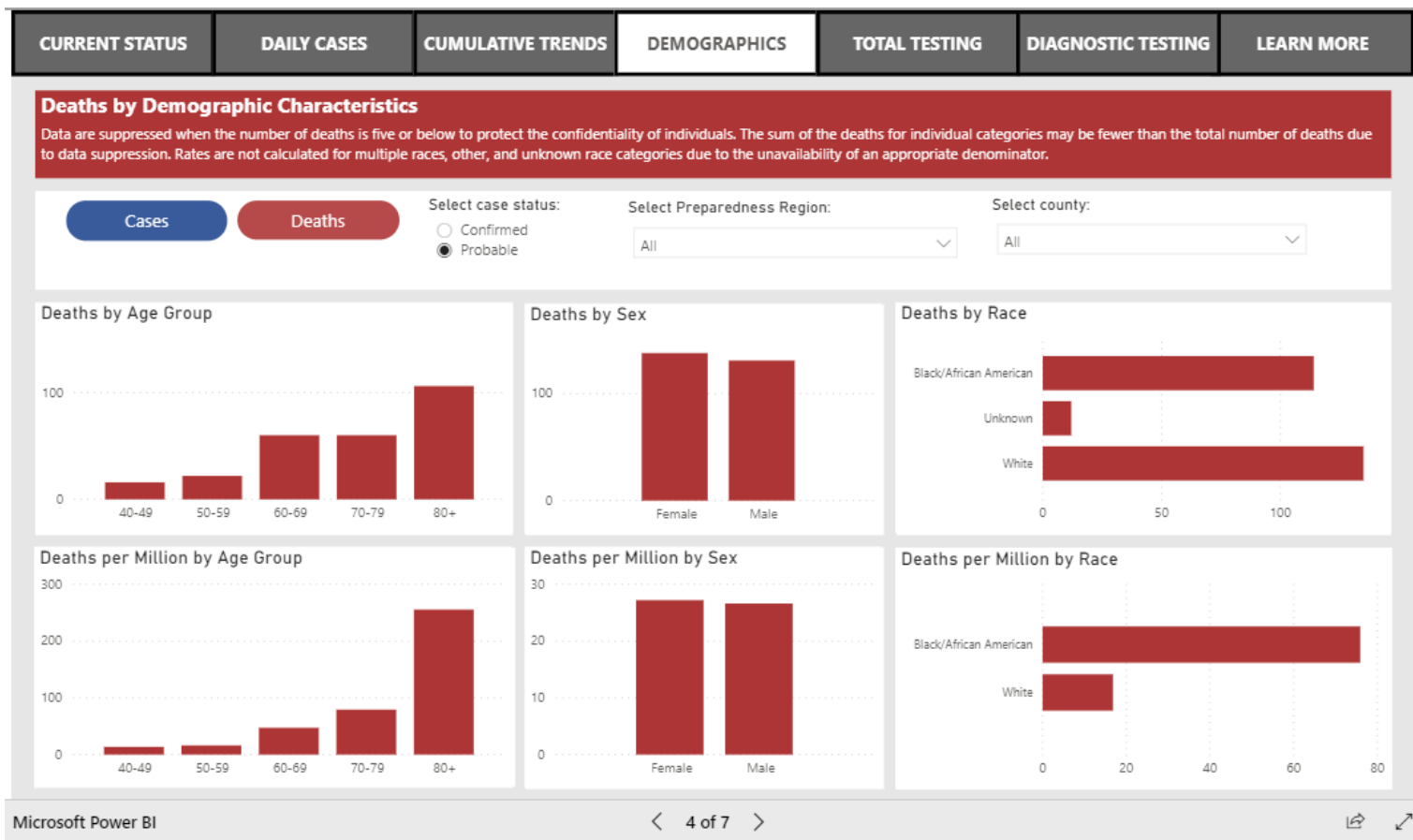


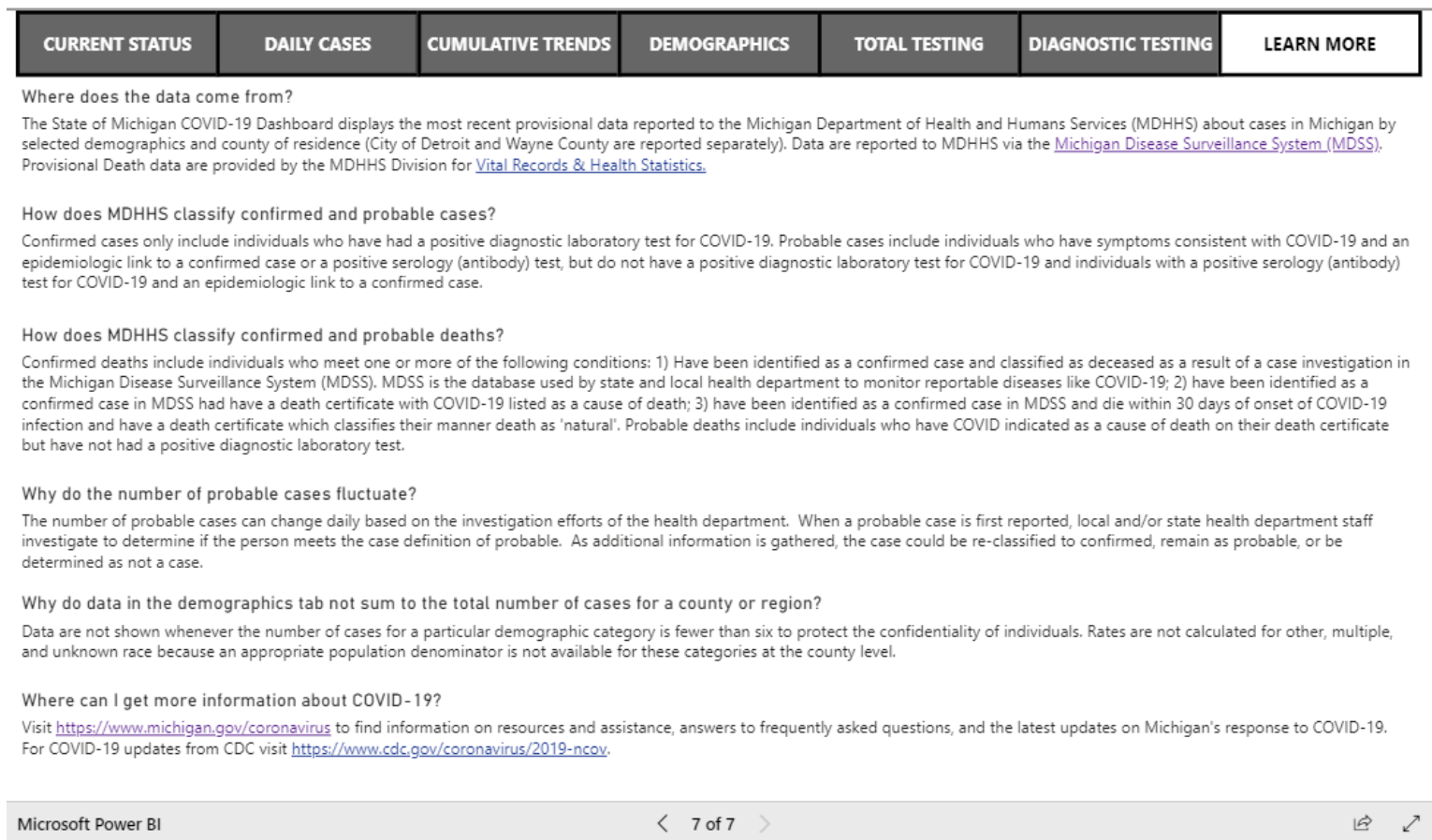
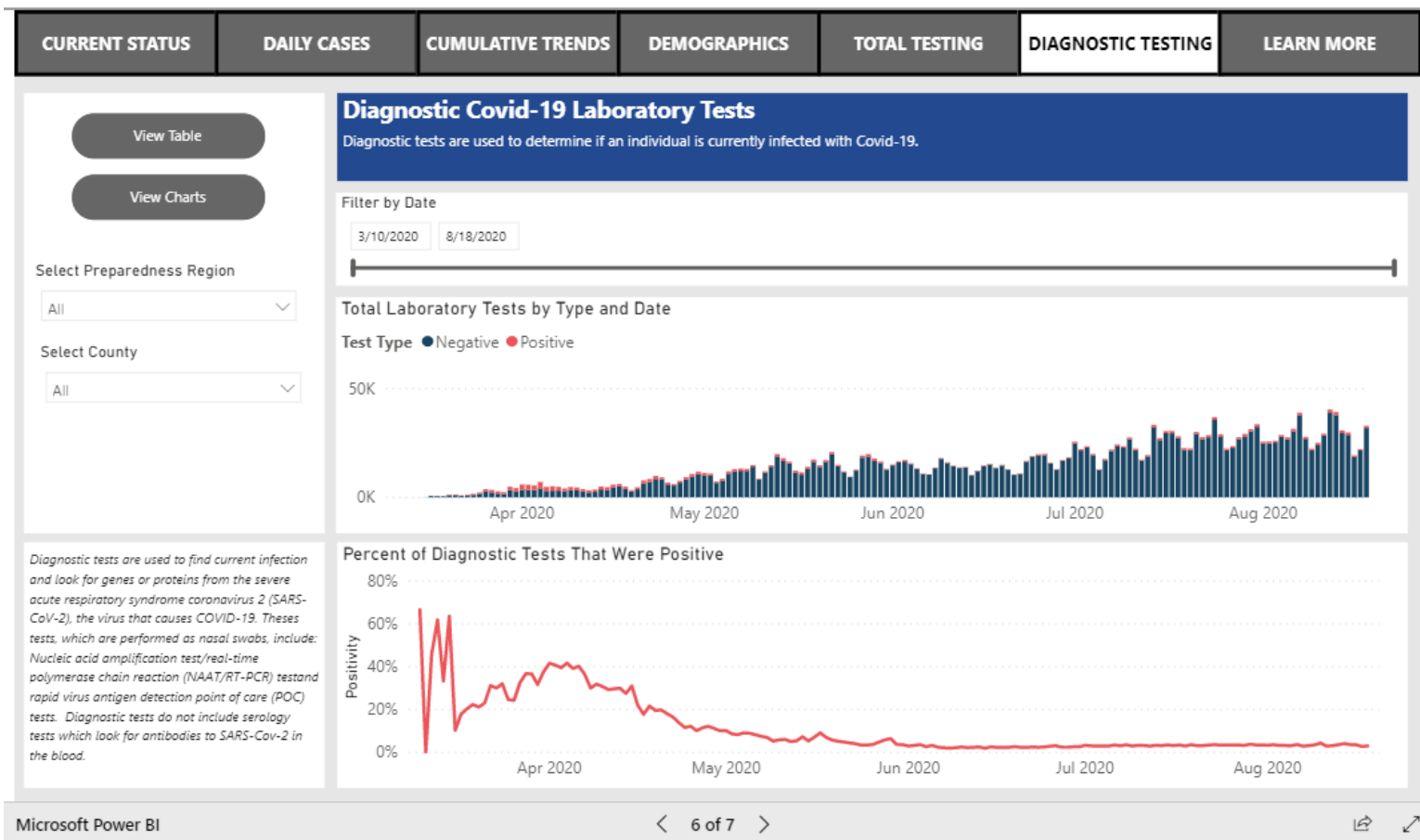












PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-08-19

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/08/19 14:24:35	Alcona	25	1	4	0
2020/08/19 14:24:35	Alger	15	0	2	0
2020/08/19 14:24:35	Allegan	510	6	63	0
2020/08/19 14:24:35	Alpena	116	14	14	0
2020/08/19 14:24:35	Antrim	42	0	3	0
2020/08/19 14:24:35	Arenac	42	3	7	0
2020/08/19 14:24:35	Baraga	6	0	2	0
2020/08/19 14:24:35	Barry	175	2	24	0
2020/08/19 14:24:35	Bay	655	36	79	0
2020/08/19 14:24:35	Benzie	36	1	4	0
2020/08/19 14:24:35	Berrien	1305	69	181	0
2020/08/19 14:24:35	Branch	354	2	34	0
2020/08/19 14:24:35	Calhoun	755	42	107	1
2020/08/19 14:24:35	Cass	344	14	26	1
2020/08/19 14:24:35	Charlevoix	53	2	5	0
2020/08/19 14:24:35	Cheboygan	50	2	8	0
2020/08/19 14:24:35	Chippewa	33	0	15	0
2020/08/19 14:24:35	Clare	81	3	7	0
2020/08/19 14:24:35	Clinton	372	13	69	0
2020/08/19 14:24:35	Crawford	102	5	9	0
2020/08/19 14:24:35	Delta	97	3	25	0
2020/08/19 14:24:35	Dickinson	59	2	1	0
2020/08/19 14:24:35	Eaton	420	8	60	0
2020/08/19 14:24:35	Emmet	79	2	9	0
2020/08/19 14:24:35	Genesee	3061	274	726	25
2020/08/19 14:24:35	Gladwin	64	2	6	0
2020/08/19 14:24:35	Gogebic	128	1	9	0
2020/08/19 14:24:35	Grand Traverse	225	5	24	0
2020/08/19 14:24:35	Gratiot	149	15	19	0
2020/08/19 14:24:35	Hillsdale	262	25	21	0
2020/08/19 14:24:35	Houghton	48	0	8	0
2020/08/19 14:24:35	Huron	156	4	26	0
2020/08/19 14:24:35	Ingham	1603	35	49	0
2020/08/19 14:24:35	Ionia	247	7	34	0
2020/08/19 14:24:35	Iosco	116	11	22	1
2020/08/19 14:24:35	Iron	23	1		
2020/08/19 14:24:35	Isabella	203	9	28	0
2020/08/19 14:24:35	Jackson	729	35	21	1
2020/08/19 14:24:35	Kalamazoo	1641	84	138	3
2020/08/19 14:24:35	Kalkaska	45	4	13	0
2020/08/19 14:24:35	Kent	7182	155	693	3
2020/08/19 14:24:35	Keweenaw	2	0		
2020/08/19 14:24:35	Lake	28	0	1	0
2020/08/19 14:24:35	Lapeer	426	33	82	1
2020/08/19 14:24:35	Leelanau	73	0	7	0
2020/08/19 14:24:35	Lenawee	442	13	41	0
2020/08/19 14:24:35	Livingston	792	28	159	1

2020/08/19 14:24:35	Luce	4	0		
2020/08/19 14:24:35	Mackinac	22	0	6	0
2020/08/19 14:24:35	Macomb	11203	918	418	38
2020/08/19 14:24:35	Manistee	38	1	5	0
2020/08/19 14:24:35	Marquette	192	11	25	0
2020/08/19 14:24:35	Mason	96	0	11	0
2020/08/19 14:24:35	Mecosta	69	2	7	0
2020/08/19 14:24:35	Menominee	177	0	30	0
2020/08/19 14:24:35	Midland	281	10	84	0
2020/08/19 14:24:35	Missaukee	28	1	14	0
2020/08/19 14:24:35	Monroe	979	22	136	2
2020/08/19 14:24:35	Montcalm	187	3	20	0
2020/08/19 14:24:35	Montmorency	9	0	1	0
2020/08/19 14:24:35	Muskegon	1195	63	53	0
2020/08/19 14:24:35	Newaygo	258	0	13	0
2020/08/19 14:24:35	Oakland	13318	1101	3476	43
2020/08/19 14:24:35	Oceana	466	6	23	0
2020/08/19 14:24:35	Ogemaw	40	3	14	0
2020/08/19 14:24:35	Ontonagon	28	0	2	0
2020/08/19 14:24:35	Osceola	64	0	7	0
2020/08/19 14:24:35	Oscoda	22	1	7	0
2020/08/19 14:24:35	Otsego	116	11	20	0
2020/08/19 14:24:35	Ottawa	1848	55	108	5
2020/08/19 14:24:35	Presque Isle	19	1	2	0
2020/08/19 14:24:35	Roscommon	53	3	7	0
2020/08/19 14:24:35	Saginaw	2093	126	140	3
2020/08/19 14:24:35	Sanilac	113	5	4	1
2020/08/19 14:24:35	Schoolcraft	13	0	1	0
2020/08/19 14:24:35	Shiawassee	337	28	26	1
2020/08/19 14:24:35	St Clair	731	52	126	1
2020/08/19 14:24:35	St Joseph	557	10	84	0
2020/08/19 14:24:35	Tuscola	347	29	45	0
2020/08/19 14:24:35	Van Buren	472	12	55	1
2020/08/19 14:24:35	Washtenaw	2372	114	324	1
2020/08/19 14:24:35	Wayne	14633	1213	652	36
2020/08/19 14:24:35	Wexford	63	4	13	0
2020/08/19 14:24:35	MDOC	4898	69	6	0
2020/08/19 14:24:35	FCI	191	5	4	0
2020/08/19 14:24:35	Out-of-State	95	0	2	1
2020/08/19 14:24:35	Unknown	1	0	4	0
2020/08/19 14:24:35	Detroit City	13279	1499	953	99

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-08-19

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	6	0
Confirmed	10-19	American Indian/Alaska Native	Female	19	0
Confirmed	20-29	American Indian/Alaska Native	Female	39	0
Confirmed	30-39	American Indian/Alaska Native	Female	34	0
Confirmed	40-49	American Indian/Alaska Native	Female	38	0
Confirmed	50-59	American Indian/Alaska Native	Female	43	0
Confirmed	60-69	American Indian/Alaska Native	Female	18	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	16	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	6	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	15	0
Confirmed	10-19	Asian/Pacific Islander	Female	45	0
Confirmed	20-29	Asian/Pacific Islander	Female	146	0
Confirmed	30-39	Asian/Pacific Islander	Female	192	0
Confirmed	40-49	Asian/Pacific Islander	Female	191	0
Confirmed	50-59	Asian/Pacific Islander	Female	157	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	97	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	47	10
Confirmed	80+	Asian/Pacific Islander	Female	53	22
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	157	Suppressed
Confirmed	10-19	Black/African American	Female	419	Suppressed
Confirmed	20-29	Black/African American	Female	1895	Suppressed
Confirmed	30-39	Black/African American	Female	1916	8
Confirmed	40-49	Black/African American	Female	2061	52
Confirmed	50-59	Black/African American	Female	2015	105
Confirmed	60-69	Black/African American	Female	1839	227
Confirmed	70-79	Black/African American	Female	1274	310
Confirmed	80+	Black/African American	Female	1009	414
Confirmed	Unknown	Black/African American	Female	0	0
Confirmed	0-9	Multiple Races	Female	55	0
Confirmed	10-19	Multiple Races	Female	228	0
Confirmed	20-29	Multiple Races	Female	653	0
Confirmed	30-39	Multiple Races	Female	548	0
Confirmed	40-49	Multiple Races	Female	657	Suppressed
Confirmed	50-59	Multiple Races	Female	691	Suppressed
Confirmed	60-69	Multiple Races	Female	425	Suppressed
Confirmed	70-79	Multiple Races	Female	197	12
Confirmed	80+	Multiple Races	Female	194	19
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	115	0
Confirmed	10-19	Other	Female	298	0
Confirmed	20-29	Other	Female	647	0
Confirmed	30-39	Other	Female	515	Suppressed
Confirmed	40-49	Other	Female	507	Suppressed
Confirmed	50-59	Other	Female	349	6
Confirmed	60-69	Other	Female	221	13

Confirmed	70-79	Other	Female	114	14
Confirmed	80+	Other	Female	103	21
Confirmed	Unknown	Other	Female	Suppressed	0
Confirmed	0-9	Unknown	Female	102	0
Confirmed	10-19	Unknown	Female	576	0
Confirmed	20-29	Unknown	Female	1138	0
Confirmed	30-39	Unknown	Female	991	0
Confirmed	40-49	Unknown	Female	1130	Suppressed
Confirmed	50-59	Unknown	Female	1094	6
Confirmed	60-69	Unknown	Female	841	16
Confirmed	70-79	Unknown	Female	484	25
Confirmed	80+	Unknown	Female	543	50
Confirmed	Unknown	Unknown	Female	7	0
Confirmed	0-9	White	Female	302	0
Confirmed	10-19	White	Female	1645	0
Confirmed	20-29	White	Female	3931	Suppressed
Confirmed	30-39	White	Female	2778	8
Confirmed	40-49	White	Female	2830	22
Confirmed	50-59	White	Female	3196	66
Confirmed	60-69	White	Female	2522	167
Confirmed	70-79	White	Female	1896	368
Confirmed	80+	White	Female	2964	1039
Confirmed	Unknown	White	Female	10	0
Confirmed	0-9	American Indian/Alaska Native	Male	8	0
Confirmed	10-19	American Indian/Alaska Native	Male	8	0
Confirmed	20-29	American Indian/Alaska Native	Male	28	0
Confirmed	30-39	American Indian/Alaska Native	Male	31	0
Confirmed	40-49	American Indian/Alaska Native	Male	40	0
Confirmed	50-59	American Indian/Alaska Native	Male	36	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	26	6
Confirmed	70-79	American Indian/Alaska Native	Male	16	6
Confirmed	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	32	0
Confirmed	10-19	Asian/Pacific Islander	Male	33	0
Confirmed	20-29	Asian/Pacific Islander	Male	162	0
Confirmed	30-39	Asian/Pacific Islander	Male	173	0
Confirmed	40-49	Asian/Pacific Islander	Male	150	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	132	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	96	11
Confirmed	70-79	Asian/Pacific Islander	Male	44	12
Confirmed	80+	Asian/Pacific Islander	Male	33	16
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	148	0
Confirmed	10-19	Black/African American	Male	376	0
Confirmed	20-29	Black/African American	Male	1385	9
Confirmed	30-39	Black/African American	Male	1524	27
Confirmed	40-49	Black/African American	Male	1713	70
Confirmed	50-59	Black/African American	Male	2051	189
Confirmed	60-69	Black/African American	Male	1968	338

Confirmed	70-79	Black/African American	Male	1269	412
Confirmed	80+	Black/African American	Male	592	301
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	67	0
Confirmed	10-19	Multiple Races	Male	213	0
Confirmed	20-29	Multiple Races	Male	499	0
Confirmed	30-39	Multiple Races	Male	431	0
Confirmed	40-49	Multiple Races	Male	484	Suppressed
Confirmed	50-59	Multiple Races	Male	492	Suppressed
Confirmed	60-69	Multiple Races	Male	354	21
Confirmed	70-79	Multiple Races	Male	177	14
Confirmed	80+	Multiple Races	Male	81	16
Confirmed	Unknown	Multiple Races	Male	0	0
Confirmed	0-9	Other	Male	139	0
Confirmed	10-19	Other	Male	314	0
Confirmed	20-29	Other	Male	650	Suppressed
Confirmed	30-39	Other	Male	617	Suppressed
Confirmed	40-49	Other	Male	533	Suppressed
Confirmed	50-59	Other	Male	381	9
Confirmed	60-69	Other	Male	245	24
Confirmed	70-79	Other	Male	129	18
Confirmed	80+	Other	Male	51	12
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	135	0
Confirmed	10-19	Unknown	Male	606	0
Confirmed	20-29	Unknown	Male	1199	Suppressed
Confirmed	30-39	Unknown	Male	1159	Suppressed
Confirmed	40-49	Unknown	Male	1241	11
Confirmed	50-59	Unknown	Male	1220	9
Confirmed	60-69	Unknown	Male	867	19
Confirmed	70-79	Unknown	Male	425	25
Confirmed	80+	Unknown	Male	266	42
Confirmed	Unknown	Unknown	Male	9	0
Confirmed	0-9	White	Male	356	0
Confirmed	10-19	White	Male	1380	0
Confirmed	20-29	White	Male	3095	Suppressed
Confirmed	30-39	White	Male	2675	12
Confirmed	40-49	White	Male	2649	38
Confirmed	50-59	White	Male	3213	118
Confirmed	60-69	White	Male	2813	280
Confirmed	70-79	White	Male	1919	472
Confirmed	80+	White	Male	1604	749
Confirmed	Unknown	White	Male	7	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	0	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	0	0
Confirmed	10-19	Black/African American	Unknown	Suppressed	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	Suppressed	0
Confirmed	20-29	Multiple Races	Unknown	Suppressed	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	0	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	0	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	0	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	8	0
Confirmed	10-19	Unknown	Unknown	9	0
Confirmed	20-29	Unknown	Unknown	35	0
Confirmed	30-39	Unknown	Unknown	23	0
Confirmed	40-49	Unknown	Unknown	34	0
Confirmed	50-59	Unknown	Unknown	28	0
Confirmed	60-69	Unknown	Unknown	12	0

Confirmed	70-79	Unknown	Unknown	6	0
Confirmed	80+	Unknown	Unknown	19	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	6	0
Confirmed	20-29	White	Unknown	6	0
Confirmed	30-39	White	Unknown	6	0
Confirmed	40-49	White	Unknown	Suppressed	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	Suppressed	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	0	0
Probable	20-29	American Indian/Alaska Native	Female	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	7	0
Probable	20-29	Asian/Pacific Islander	Female	20	0
Probable	30-39	Asian/Pacific Islander	Female	16	0
Probable	40-49	Asian/Pacific Islander	Female	6	0
Probable	50-59	Asian/Pacific Islander	Female	11	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	21	0
Probable	10-19	Black/African American	Female	38	0
Probable	20-29	Black/African American	Female	108	0
Probable	30-39	Black/African American	Female	88	0
Probable	40-49	Black/African American	Female	118	Suppressed
Probable	50-59	Black/African American	Female	125	6
Probable	60-69	Black/African American	Female	106	11
Probable	70-79	Black/African American	Female	44	10
Probable	80+	Black/African American	Female	30	20
Probable	Unknown	Black/African American	Female	Suppressed	0
Probable	0-9	Multiple Races	Female	13	0
Probable	10-19	Multiple Races	Female	21	0
Probable	20-29	Multiple Races	Female	40	0
Probable	30-39	Multiple Races	Female	19	0
Probable	40-49	Multiple Races	Female	47	0
Probable	50-59	Multiple Races	Female	54	0
Probable	60-69	Multiple Races	Female	37	0

Probable	70-79	Multiple Races	Female	10	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	Suppressed	0
Probable	0-9	Other	Female	19	0
Probable	10-19	Other	Female	30	0
Probable	20-29	Other	Female	33	0
Probable	30-39	Other	Female	38	0
Probable	40-49	Other	Female	28	0
Probable	50-59	Other	Female	23	Suppressed
Probable	60-69	Other	Female	14	Suppressed
Probable	70-79	Other	Female	8	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	34	0
Probable	10-19	Unknown	Female	138	0
Probable	20-29	Unknown	Female	323	0
Probable	30-39	Unknown	Female	282	0
Probable	40-49	Unknown	Female	365	0
Probable	50-59	Unknown	Female	392	0
Probable	60-69	Unknown	Female	320	Suppressed
Probable	70-79	Unknown	Female	131	0
Probable	80+	Unknown	Female	65	Suppressed
Probable	Unknown	Unknown	Female	24	0
Probable	0-9	White	Female	106	0
Probable	10-19	White	Female	195	0
Probable	20-29	White	Female	334	0
Probable	30-39	White	Female	269	0
Probable	40-49	White	Female	322	Suppressed
Probable	50-59	White	Female	367	Suppressed
Probable	60-69	White	Female	239	15
Probable	70-79	White	Female	125	16
Probable	80+	White	Female	92	41
Probable	Unknown	White	Female	29	0
Probable	0-9	American Indian/Alaska Native	Male	0	0
Probable	10-19	American Indian/Alaska Native	Male	0	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	0	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	11	0
Probable	10-19	Asian/Pacific Islander	Male	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Male	13	0
Probable	30-39	Asian/Pacific Islander	Male	17	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	7	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	0
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	32	0
Probable	10-19	Black/African American	Male	27	0
Probable	20-29	Black/African American	Male	55	0
Probable	30-39	Black/African American	Male	48	0
Probable	40-49	Black/African American	Male	52	7
Probable	50-59	Black/African American	Male	82	6
Probable	60-69	Black/African American	Male	77	16
Probable	70-79	Black/African American	Male	42	22
Probable	80+	Black/African American	Male	17	13
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	15	0
Probable	10-19	Multiple Races	Male	20	0
Probable	20-29	Multiple Races	Male	26	0
Probable	30-39	Multiple Races	Male	32	0
Probable	40-49	Multiple Races	Male	41	0
Probable	50-59	Multiple Races	Male	30	0
Probable	60-69	Multiple Races	Male	19	0
Probable	70-79	Multiple Races	Male	11	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	6	0
Probable	0-9	Other	Male	18	0
Probable	10-19	Other	Male	30	0
Probable	20-29	Other	Male	36	0
Probable	30-39	Other	Male	25	0
Probable	40-49	Other	Male	19	0
Probable	50-59	Other	Male	16	0
Probable	60-69	Other	Male	16	Suppressed
Probable	70-79	Other	Male	6	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0
Probable	0-9	Unknown	Male	36	0
Probable	10-19	Unknown	Male	145	0
Probable	20-29	Unknown	Male	253	Suppressed
Probable	30-39	Unknown	Male	260	Suppressed
Probable	40-49	Unknown	Male	252	Suppressed
Probable	50-59	Unknown	Male	287	0
Probable	60-69	Unknown	Male	217	Suppressed
Probable	70-79	Unknown	Male	87	Suppressed
Probable	80+	Unknown	Male	39	Suppressed
Probable	Unknown	Unknown	Male	21	0
Probable	0-9	White	Male	128	0
Probable	10-19	White	Male	193	0
Probable	20-29	White	Male	254	Suppressed
Probable	30-39	White	Male	214	Suppressed
Probable	40-49	White	Male	215	Suppressed
Probable	50-59	White	Male	268	Suppressed
Probable	60-69	White	Male	199	12

Probable	70-79	White	Male	78	10
Probable	80+	White	Male	60	24
Probable	Unknown	White	Male	13	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	0	0
Probable	30-39	Asian/Pacific Islander	Unknown	0	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	0	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	0	0
Probable	0-9	Other	Unknown	0	0
Probable	10-19	Other	Unknown	0	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	0	0
Probable	50-59	Other	Unknown	0	0
Probable	60-69	Other	Unknown	0	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	7	0
Probable	10-19	Unknown	Unknown	14	0
Probable	20-29	Unknown	Unknown	11	0
Probable	30-39	Unknown	Unknown	14	0
Probable	40-49	Unknown	Unknown	14	0
Probable	50-59	Unknown	Unknown	14	0
Probable	60-69	Unknown	Unknown	9	0
Probable	70-79	Unknown	Unknown	Suppressed	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	220	0
Probable	0-9	White	Unknown	6	0
Probable	10-19	White	Unknown	0	0
Probable	20-29	White	Unknown	Suppressed	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	Suppressed	0
Probable	50-59	White	Unknown	Suppressed	0
Probable	60-69	White	Unknown	0	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	0	0
Probable	Unknown	White	Unknown	7	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-08-19

Updated	COUNTY	TestType	Count	RatePerMillion
2020/08/19 14:24:39	Alcona	Diagnostic	1387	133301
2020/08/19 14:24:39	Alcona	Serology	39	3748
2020/08/19 14:24:39	Alcona	Total	1426	137049
2020/08/19 14:24:39	Alger	Diagnostic	777	85310
2020/08/19 14:24:39	Alger	Serology	61	6697
2020/08/19 14:24:39	Alger	Total	838	92007
2020/08/19 14:24:39	Allegan	Serology	665	5632
2020/08/19 14:24:39	Allegan	Diagnostic	21945	185847
2020/08/19 14:24:39	Allegan	Total	22610	191479
2020/08/19 14:24:39	Alpena	Diagnostic	1784	62806
2020/08/19 14:24:39	Alpena	Serology	118	4154
2020/08/19 14:24:39	Alpena	Total	1902	66960
2020/08/19 14:24:39	Antrim	Serology	74	3173
2020/08/19 14:24:39	Antrim	Diagnostic	3313	142043
2020/08/19 14:24:39	Antrim	Total	3387	145215
2020/08/19 14:24:39	Arenac	Diagnostic	2663	178929
2020/08/19 14:24:39	Arenac	Serology	110	7391
2020/08/19 14:24:39	Arenac	Total	2773	186320
2020/08/19 14:24:39	Baraga	Serology	21	2558
2020/08/19 14:24:39	Baraga	Diagnostic	1356	165185
2020/08/19 14:24:39	Baraga	Total	1377	167743
2020/08/19 14:24:39	Barry	Diagnostic	10844	176182
2020/08/19 14:24:39	Barry	Serology	474	7701
2020/08/19 14:24:39	Barry	Total	11318	183883
2020/08/19 14:24:39	Bay	Serology	1132	10977
2020/08/19 14:24:39	Bay	Diagnostic	23294	225879
2020/08/19 14:24:39	Bay	Total	24426	236856
2020/08/19 14:24:39	Benzie	Diagnostic	2667	150118
2020/08/19 14:24:39	Benzie	Serology	43	2420
2020/08/19 14:24:39	Benzie	Total	2710	152539
2020/08/19 14:24:39	Berrien	Diagnostic	45141	294268
2020/08/19 14:24:39	Berrien	Serology	1617	10541
2020/08/19 14:24:39	Berrien	Total	46758	304809
2020/08/19 14:24:39	Branch	Diagnostic	5352	122986
2020/08/19 14:24:39	Branch	Serology	130	2987
2020/08/19 14:24:39	Branch	Total	5482	125974
2020/08/19 14:24:39	Calhoun	Diagnostic	32367	241259
2020/08/19 14:24:39	Calhoun	Serology	633	4718
2020/08/19 14:24:39	Calhoun	Total	33000	245977
2020/08/19 14:24:39	Cass	Diagnostic	6842	132118
2020/08/19 14:24:39	Cass	Serology	202	3901
2020/08/19 14:24:39	Cass	Total	7044	136019
2020/08/19 14:24:39	Charlevoix	Serology	307	11743
2020/08/19 14:24:39	Charlevoix	Diagnostic	4165	159316
2020/08/19 14:24:39	Charlevoix	Total	4472	171059
2020/08/19 14:24:39	Cheboygan	Diagnostic	2228	88147
2020/08/19 14:24:39	Cheboygan	Serology	165	6528

2020/08/19 14:24:39	Cheboygan	Total	2393	94675
2020/08/19 14:24:39	Chippewa	Diagnostic	3709	99307
2020/08/19 14:24:39	Chippewa	Serology	79	2115
2020/08/19 14:24:39	Chippewa	Total	3788	101422
2020/08/19 14:24:39	Clare	Diagnostic	3420	110501
2020/08/19 14:24:39	Clare	Serology	201	6494
2020/08/19 14:24:39	Clare	Total	3621	116995
2020/08/19 14:24:39	Clinton	Diagnostic	12485	156857
2020/08/19 14:24:39	Clinton	Serology	2301	28909
2020/08/19 14:24:39	Clinton	Total	14786	185765
2020/08/19 14:24:39	Correctional	Serology	10043	
2020/08/19 14:24:39	Correctional	Diagnostic	64806	
2020/08/19 14:24:39	Correctional	Total	74849	
2020/08/19 14:24:39	Crawford	Diagnostic	1932	137715
2020/08/19 14:24:39	Crawford	Serology	49	3493
2020/08/19 14:24:39	Crawford	Total	1981	141207
2020/08/19 14:24:39	Delta	Diagnostic	6331	176923
2020/08/19 14:24:39	Delta	Serology	210	5869
2020/08/19 14:24:39	Delta	Total	6541	182791
2020/08/19 14:24:39	Detroit City	Diagnostic	202033	310914
2020/08/19 14:24:39	Detroit City	Serology	11936	18369
2020/08/19 14:24:39	Detroit City	Total	213969	329282
2020/08/19 14:24:39	Dickinson	Diagnostic	2831	112168
2020/08/19 14:24:39	Dickinson	Serology	67	2655
2020/08/19 14:24:39	Dickinson	Total	2898	114822
2020/08/19 14:24:39	Eaton	Diagnostic	26893	243888
2020/08/19 14:24:39	Eaton	Serology	3502	31759
2020/08/19 14:24:39	Eaton	Total	30395	275647
2020/08/19 14:24:39	Emmet	Serology	724	21667
2020/08/19 14:24:39	Emmet	Diagnostic	4989	149304
2020/08/19 14:24:39	Emmet	Total	5713	170971
2020/08/19 14:24:39	Genesee	Diagnostic	65700	161897
2020/08/19 14:24:39	Genesee	Serology	9313	22949
2020/08/19 14:24:39	Genesee	Total	75013	184846
2020/08/19 14:24:39	Gladwin	Diagnostic	3797	149200
2020/08/19 14:24:39	Gladwin	Serology	120	4715
2020/08/19 14:24:39	Gladwin	Total	3917	153916
2020/08/19 14:24:39	Gogebic	Diagnostic	4478	320429
2020/08/19 14:24:39	Gogebic	Serology	33	2361
2020/08/19 14:24:39	Gogebic	Total	4511	322791
2020/08/19 14:24:39	Grand Traverse	Serology	373	4007
2020/08/19 14:24:39	Grand Traverse	Diagnostic	15623	167830
2020/08/19 14:24:39	Grand Traverse	Total	15996	171837
2020/08/19 14:24:39	Gratiot	Diagnostic	9055	222421
2020/08/19 14:24:39	Gratiot	Serology	321	7885
2020/08/19 14:24:39	Gratiot	Total	9376	230306
2020/08/19 14:24:39	Hillsdale	Diagnostic	7463	163644
2020/08/19 14:24:39	Hillsdale	Serology	235	5153
2020/08/19 14:24:39	Hillsdale	Total	7698	168797
2020/08/19 14:24:39	Houghton	Diagnostic	5400	151328

2020/08/19 14:24:39	Houghton	Serology	78	2186
2020/08/19 14:24:39	Houghton	Total	5478	153514
2020/08/19 14:24:39	Huron	Diagnostic	6321	204028
2020/08/19 14:24:39	Huron	Serology	230	7424
2020/08/19 14:24:39	Huron	Total	6551	211452
2020/08/19 14:24:39	Ingham	Serology	11711	40050
2020/08/19 14:24:39	Ingham	Diagnostic	74492	254755
2020/08/19 14:24:39	Ingham	Total	86203	294806
2020/08/19 14:24:39	Ionia	Diagnostic	13238	204615
2020/08/19 14:24:39	Ionia	Serology	892	13787
2020/08/19 14:24:39	Ionia	Total	14130	218403
2020/08/19 14:24:39	Iosco	Diagnostic	4909	195368
2020/08/19 14:24:39	Iosco	Serology	117	4656
2020/08/19 14:24:39	Iosco	Total	5026	200024
2020/08/19 14:24:39	Iron	Diagnostic	3431	310049
2020/08/19 14:24:39	Iron	Serology	16	1446
2020/08/19 14:24:39	Iron	Total	3447	311495
2020/08/19 14:24:39	Isabella	Diagnostic	7711	110359
2020/08/19 14:24:39	Isabella	Serology	421	6025
2020/08/19 14:24:39	Isabella	Total	8132	116384
2020/08/19 14:24:39	Jackson	Diagnostic	40388	254798
2020/08/19 14:24:39	Jackson	Serology	1219	7690
2020/08/19 14:24:39	Jackson	Total	41607	262488
2020/08/19 14:24:39	Kalamazoo	Diagnostic	53160	200554
2020/08/19 14:24:39	Kalamazoo	Serology	2119	7994
2020/08/19 14:24:39	Kalamazoo	Total	55279	208548
2020/08/19 14:24:39	Kalkaska	Diagnostic	3717	206065
2020/08/19 14:24:39	Kalkaska	Serology	33	1829
2020/08/19 14:24:39	Kalkaska	Total	3750	207894
2020/08/19 14:24:39	Kent	Serology	11065	16843
2020/08/19 14:24:39	Kent	Diagnostic	168546	256556
2020/08/19 14:24:39	Kent	Total	179611	273399
2020/08/19 14:24:39	Keweenaw	Diagnostic	332	156900
2020/08/19 14:24:39	Keweenaw	Serology	9	4253
2020/08/19 14:24:39	Keweenaw	Total	341	161153
2020/08/19 14:24:39	Lake	Diagnostic	2482	209398
2020/08/19 14:24:39	Lake	Serology	83	7002
2020/08/19 14:24:39	Lake	Total	2565	216401
2020/08/19 14:24:39	Lapeer	Diagnostic	11419	130343
2020/08/19 14:24:39	Lapeer	Serology	1405	16038
2020/08/19 14:24:39	Lapeer	Total	12824	146381
2020/08/19 14:24:39	Leelanau	Diagnostic	2473	113644
2020/08/19 14:24:39	Leelanau	Serology	82	3768
2020/08/19 14:24:39	Leelanau	Total	2555	117412
2020/08/19 14:24:39	Lenawee	Serology	645	6551
2020/08/19 14:24:39	Lenawee	Diagnostic	15445	156880
2020/08/19 14:24:39	Lenawee	Total	16090	163432
2020/08/19 14:24:39	Livingston	Diagnostic	36669	190989
2020/08/19 14:24:39	Livingston	Serology	3885	20235
2020/08/19 14:24:39	Livingston	Total	40554	211224

2020/08/19 14:24:39	Luce	Diagnostic	465	74651
2020/08/19 14:24:39	Luce	Serology	15	2408
2020/08/19 14:24:39	Luce	Total	480	77059
2020/08/19 14:24:39	Mackinac	Diagnostic	1158	107232
2020/08/19 14:24:39	Mackinac	Serology	41	3797
2020/08/19 14:24:39	Mackinac	Total	1199	111029
2020/08/19 14:24:39	Macomb	Diagnostic	165691	189584
2020/08/19 14:24:39	Macomb	Serology	24899	28489
2020/08/19 14:24:39	Macomb	Total	190590	218073
2020/08/19 14:24:39	Manistee	Diagnostic	2977	121223
2020/08/19 14:24:39	Manistee	Serology	109	4438
2020/08/19 14:24:39	Manistee	Total	3086	125662
2020/08/19 14:24:39	Marquette	Diagnostic	22760	341235
2020/08/19 14:24:39	Marquette	Serology	853	12789
2020/08/19 14:24:39	Marquette	Total	23613	354023
2020/08/19 14:24:39	Mason	Diagnostic	6986	239706
2020/08/19 14:24:39	Mason	Serology	223	7652
2020/08/19 14:24:39	Mason	Total	7209	247358
2020/08/19 14:24:39	Mecosta	Serology	261	6006
2020/08/19 14:24:39	Mecosta	Diagnostic	7527	173222
2020/08/19 14:24:39	Mecosta	Total	7788	179228
2020/08/19 14:24:39	Menominee	Diagnostic	2589	113652
2020/08/19 14:24:39	Menominee	Serology	37	1624
2020/08/19 14:24:39	Menominee	Total	2626	115277
2020/08/19 14:24:39	Midland	Diagnostic	9695	116588
2020/08/19 14:24:39	Midland	Serology	723	8695
2020/08/19 14:24:39	Midland	Total	10418	125283
2020/08/19 14:24:39	Missaukee	Diagnostic	2030	134277
2020/08/19 14:24:39	Missaukee	Serology	62	4101
2020/08/19 14:24:39	Missaukee	Total	2092	138378
2020/08/19 14:24:39	Monroe	Serology	2290	15216
2020/08/19 14:24:39	Monroe	Diagnostic	23218	154272
2020/08/19 14:24:39	Monroe	Total	25508	169488
2020/08/19 14:24:39	Montcalm	Diagnostic	13835	216551
2020/08/19 14:24:39	Montcalm	Serology	682	10675
2020/08/19 14:24:39	Montcalm	Total	14517	227226
2020/08/19 14:24:39	Montmorency	Serology	74	7933
2020/08/19 14:24:39	Montmorency	Diagnostic	922	98842
2020/08/19 14:24:39	Montmorency	Total	996	106775
2020/08/19 14:24:39	Muskegon	Serology	986	5681
2020/08/19 14:24:39	Muskegon	Diagnostic	47177	271810
2020/08/19 14:24:39	Muskegon	Total	48163	277491
2020/08/19 14:24:39	Newaygo	Diagnostic	9928	202695
2020/08/19 14:24:39	Newaygo	Serology	420	8575
2020/08/19 14:24:39	Newaygo	Total	10348	211270
2020/08/19 14:24:39	Oakland	Diagnostic	250951	199550
2020/08/19 14:24:39	Oakland	Serology	54157	43064
2020/08/19 14:24:39	Oakland	Total	305108	242614
2020/08/19 14:24:39	Oceana	Diagnostic	8339	315072
2020/08/19 14:24:39	Oceana	Serology	216	8161

2020/08/19 14:24:39	Oceana	Total	8555	323233
2020/08/19 14:24:39	Ogemaw	Diagnostic	2833	134924
2020/08/19 14:24:39	Ogemaw	Serology	84	4001
2020/08/19 14:24:39	Ogemaw	Total	2917	138925
2020/08/19 14:24:39	Ontonagon	Diagnostic	1554	271678
2020/08/19 14:24:39	Ontonagon	Serology	11	1923
2020/08/19 14:24:39	Ontonagon	Total	1565	273601
2020/08/19 14:24:39	Osceola	Diagnostic	5584	238022
2020/08/19 14:24:39	Osceola	Serology	124	5286
2020/08/19 14:24:39	Osceola	Total	5708	243308
2020/08/19 14:24:39	Oscoda	Diagnostic	858	104114
2020/08/19 14:24:39	Oscoda	Serology	14	1699
2020/08/19 14:24:39	Oscoda	Total	872	105812
2020/08/19 14:24:39	Otsego	Diagnostic	2560	103778
2020/08/19 14:24:39	Otsego	Serology	224	9081
2020/08/19 14:24:39	Otsego	Total	2784	112859
2020/08/19 14:24:39	Ottawa	Diagnostic	67016	229641
2020/08/19 14:24:39	Ottawa	Serology	3238	11096
2020/08/19 14:24:39	Ottawa	Total	70254	240736
2020/08/19 14:24:39	Presque Isle	Serology	105	8339
2020/08/19 14:24:39	Presque Isle	Diagnostic	1136	90216
2020/08/19 14:24:39	Presque Isle	Total	1241	98555
2020/08/19 14:24:39	Roscommon	Serology	235	9784
2020/08/19 14:24:39	Roscommon	Diagnostic	3536	147217
2020/08/19 14:24:39	Roscommon	Total	3771	157001
2020/08/19 14:24:39	Saginaw	Diagnostic	51335	269420
2020/08/19 14:24:39	Saginaw	Serology	1095	5747
2020/08/19 14:24:39	Saginaw	Total	52430	275167
2020/08/19 14:24:39	Sanilac	Diagnostic	7654	185912
2020/08/19 14:24:39	Sanilac	Serology	408	9910
2020/08/19 14:24:39	Sanilac	Total	8062	195822
2020/08/19 14:24:39	Schoolcraft	Diagnostic	696	85990
2020/08/19 14:24:39	Schoolcraft	Serology	34	4201
2020/08/19 14:24:39	Schoolcraft	Total	730	90190
2020/08/19 14:24:39	Shiawassee	Serology	1281	18804
2020/08/19 14:24:39	Shiawassee	Diagnostic	11157	163780
2020/08/19 14:24:39	Shiawassee	Total	12438	182584
2020/08/19 14:24:39	St Clair	Diagnostic	22754	142992
2020/08/19 14:24:39	St Clair	Serology	3566	22410
2020/08/19 14:24:39	St Clair	Total	26320	165401
2020/08/19 14:24:39	St Joseph	Diagnostic	11837	194164
2020/08/19 14:24:39	St Joseph	Serology	486	7972
2020/08/19 14:24:39	St Joseph	Total	12323	202136
2020/08/19 14:24:39	Tuscola	Diagnostic	13343	255393
2020/08/19 14:24:39	Tuscola	Serology	452	8652
2020/08/19 14:24:39	Tuscola	Total	13795	264044
2020/08/19 14:24:39	Unknown	Diagnostic	203108	
2020/08/19 14:24:39	Unknown	Serology	19387	
2020/08/19 14:24:39	Unknown	Total	222495	
2020/08/19 14:24:39	Van Buren	Diagnostic	18106	239254

2020/08/19 14:24:39	Van Buren	Serology	438	5788
2020/08/19 14:24:39	Van Buren	Total	18544	245041
2020/08/19 14:24:39	Washtenaw	Diagnostic	91517	248957
2020/08/19 14:24:39	Washtenaw	Serology	8377	22788
2020/08/19 14:24:39	Washtenaw	Total	99894	271746
2020/08/19 14:24:39	Wayne	Diagnostic	273760	248013
2020/08/19 14:24:39	Wayne	Serology	35618	32268
2020/08/19 14:24:39	Wayne	Total	309378	280281
2020/08/19 14:24:39	Wexford	Diagnostic	5609	166781
2020/08/19 14:24:39	Wexford	Serology	110	3271
2020/08/19 14:24:39	Wexford	Total	5719	170051

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-08-19

MessageDate	COUNTY	Negative	Positive	Total
8/18/2020	Alcona	3	0	3
8/18/2020	Alger	29	0	29
8/18/2020	Allegan	316	4	320
8/18/2020	Alpena	13	0	13
8/18/2020	Antrim	21	0	21
8/18/2020	Arenac	25	0	25
8/18/2020	Baraga	31	0	31
8/18/2020	Barry	141	2	143
8/18/2020	Bay	442	34	476
8/18/2020	Benzie	37	0	37
8/18/2020	Berrien	389	8	397
8/18/2020	Branch	109	2	111
8/18/2020	Calhoun	520	19	539
8/18/2020	Cass	68	5	73
8/18/2020	Charlevoix	33	0	33
8/18/2020	Cheboygan	9	1	10
8/18/2020	Chippewa	21	0	21
8/18/2020	Clare	8	0	8
8/18/2020	Clinton	150	0	150
8/18/2020	Correctional	124	3	127
8/18/2020	Crawford	13	0	13
8/18/2020	Delta	100	0	100
8/18/2020	Detroit City	1740	48	1788
8/18/2020	Dickinson	30	0	30
8/18/2020	Eaton	496	3	499
8/18/2020	Emmet	38	2	40
8/18/2020	Genesee	872	25	897
8/18/2020	Gladwin	79	0	79
8/18/2020	Gogebic	143	2	145
8/18/2020	Grand Traverse	112	2	114
8/18/2020	Gratiot	196	1	197
8/18/2020	Hillsdale	79	0	79
8/18/2020	Houghton	173	0	173
8/18/2020	Huron	69	1	70
8/18/2020	Ingham	1104	30	1134
8/18/2020	Ionia	139	3	142
8/18/2020	Iosco	45	0	45
8/18/2020	Iron	260	0	260
8/18/2020	Isabella	61	0	61
8/18/2020	Jackson	471	11	482
8/18/2020	Kalamazoo	954	13	967
8/18/2020	Kalkaska	11	0	11
8/18/2020	Kent	2271	40	2311
8/18/2020	Keweenaw	9	0	9
8/18/2020	Lake	29	1	30
8/18/2020	Lapeer	153	0	153
8/18/2020	Leelanau	12	0	12

8/18/2020	Lenawee	290	2	292
8/18/2020	Livingston	651	31	682
8/18/2020	Luce	4	0	4
8/18/2020	Mackinac	7	0	7
8/18/2020	Macomb	2012	144	2156
8/18/2020	Manistee	30	0	30
8/18/2020	Marquette	1489	8	1497
8/18/2020	Mason	61	0	61
8/18/2020	Mecosta	116	1	117
8/18/2020	Menominee	28	0	28
8/18/2020	Midland	63	1	64
8/18/2020	Missaukee	12	0	12
8/18/2020	Monroe	307	12	319
8/18/2020	Montcalm	176	1	177
8/18/2020	Montmorency	9	1	10
8/18/2020	Muskegon	1060	13	1073
8/18/2020	Newaygo	108	1	109
8/18/2020	Oakland	3413	140	3553
8/18/2020	Oceana	188	1	189
8/18/2020	Ogemaw	109	0	109
8/18/2020	Ontonagon	28	0	28
8/18/2020	Osceola	61	0	61
8/18/2020	Oscoda	10	1	11
8/18/2020	Otsego	27	0	27
8/18/2020	Ottawa	1090	16	1106
8/18/2020	Presque Isle	17	0	17
8/18/2020	Roscommon	28	0	28
8/18/2020	Saginaw	645	19	664
8/18/2020	Sanilac	89	0	89
8/18/2020	Schoolcraft	9	0	9
8/18/2020	Shiawassee	271	9	280
8/18/2020	St Clair	278	11	289
8/18/2020	St Joseph	193	2	195
8/18/2020	Tuscola	98	2	100
8/18/2020	Unknown	1462	32	1494
8/18/2020	Van Buren	374	18	392
8/18/2020	Washtenaw	1292	29	1321
8/18/2020	Wayne	3623	223	3846
8/18/2020	Wexford	79	0	79